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Cat. No. 43-1242

OWNER'S MANUAL

Please read before using this equipment.

Modem Mate

RadioShack™

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FEATURES

Your RadioShack Modem Mate lets you use a fax machine or computer modem with almost any corded phone. It is a must for users of laptop computers, electronic notebooks, and data or fax modems.

It connects your modem or fax machine to the phone line using the handset cord, so you can use your computer even if the phone's cord is not removable, or if the phone is on a key telephone system. Plus, you do not need to have an expensive modem jack installed. It also has connections for a tape recorder, so you can easily record your important phone calls.

The Modem Mate includes these features:

Compatible with Standard Handsets — works with almost any telephone that has a removable handset cord and does not have a keypad on the handset, including single-line, multi-line, and most digital phone systems.

High-Speed Operation — operates at speeds up to 14.4K bits per second.

Easy Call Recording — lets you easily record voice calls for later playback (requires a tape recorder).

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Notes:

- You need two 9-volt batteries (not supplied) to power your Modem Mate.
- After installation, you must set the modem mate's **VOICE/MODEM** switch to **VOICE** to make normal phone calls.

This Modem Mate has been tested and found to comply with all applicable UL and FCC standards.

We recommend you record your Modem Mate's serial number here. The number is on the bottom of the Modem Mate.

Serial Number: _____

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INSTALLING BATTERIES

Your Modem Mate requires two 9-volt batteries for power. For the best performance, we recommend you use alkaline batteries such as RadioShack Cat. No. 23-553.

Follow these steps to install the batteries.

1. Press the tab and lift the battery compartment cover to remove it.
2. Insert the batteries into the compartment on top of the ribbon, according to the polarity symbols (+ and –) marked inside the compartment.
3. Replace the cover.

If the Battery Test indicator lights dimly or does not light when you press Battery Test, replace the batteries with two fresh ones.

Cautions:

- Use only fresh 9-volt batteries.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or nickel cadmium), or rechargeable batteries of different capacities.
- If you do not plan to use the Modem Mate for an extended period, remove the batteries. Batteries can leak chemicals that can damage electronic devices.
- Always dispose of old batteries properly.

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DATA/FAX MODEM OPERATION

Follow these steps to use the Modem Mate to connect your modem or fax machine to the phone line.

1. Plug the device's modular telephone cord into the Modem Mate's **MODEM** jack.
2. Unplug the telephone's handset cord from the telephone base. Then plug the handset cord into the Modem Mate's **HANDSET** jack.
3. Plug the Modem Mate's coiled cord into the telephone's handset jack.
4. Set **VOICE/MODEM** to **VOICE**, then pick up the phone to be sure you hear a dial tone.

5. Set **VOICE/MODEM** to **MODEM**, so you can set the sensitivity level.
6. Set the **Level** switch on the back of the Modem Mate to **2**.

illustration

7. With the phone's handset still off the hook, give your computer or fax machine the command to dial the desired phone number.

   Notes:

   - The handset must be left off the hook when any data is being transmitted.
   - If you have the handset off the hook too long before dialing, the phone company sends error tones. If this happens, put the handset on the hook for a few seconds, then remove it and redial.
   - If you have trouble making a connection, set **Level** to **1** (the lowest sensitivity setting) and try again. If you still have problems, try setting **Level** to **3** or **4**.

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- If the battery power is becoming weak, you might need to set **Level** to the next higher position.

8. When you finish the data transmission, hang up the handset, and set **VOICE/MODEM** back to **VOICE**.

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RECORDING AND PLAYING CALLS

You can connect a tape recorder to your Modem Mate to record and play back telephone conversations.

Notes:

- If the tape recorder does not have a 1/8-inch microphone jack, you need an adapter. RadioShack stores sell adapters for several different size plugs.
- Batteries are not needed for recording and playing back telephone conversations.
- You can only record telephone calls made from the telephone that the Modem Mate is connected to.

Important: It is illegal in some areas to record phone conversations without the consent of all parties to the conversation, including the phone company. For more information, check the laws in your area.

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RECORDING CALLS

Follow theses steps to connect the Modem Mate to the tape recorder and the telephone.

1. Unplug the telephone's handset cord from the phone's base. Then plug the handset cord into the Modem Mate's **HANDSET** jack.
2. Plug the Modem Mate's coiled cord into the telephone's handset jack.
3. Plug one end of the supplied patch cord into the Modem Mate's **Rec** jack.
4. Plug the other end of the patch cord into the tape recorder's external microphone jack.
5. Set **VOICE/MODEM** to **VOICE**.
6. When you want to record, set the tape recorder to record. When you have finished recording, press the tape recorder's **STOP** button.

Note: If you use a voice activated (VOX) tape recorder, you can leave it set to record. Then, when you pick up the telephone handset, the recorder automatically records both sides of the conversation.

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PLAYING CALLS

Follow these steps to play a recording through your telephone's handset.

1. Unplug the telephone's handset cord from the phone's base. Then plug the handset cord into the Modem Mate's **HANDSET** jack.
2. Plug the Modem Mate's coiled cord into the telephone's handset jack.
3. Plug one end of the supplied patch cord into the Modem Mate's **Play** jack.
4. Plug the other end of the patch cord into the tape recorder's earphone jack.
5. If desired, call the person you want to play the recording for.
6. Set the tape recorder to play the recording.

MAINTENANCE

Your RadioShack Modem Mate is an example of superior design and craftsmanship. The following suggestions will help you care for the Modem Mate so you can enjoy it for years.

Keep the Modem Mate dry. If it gets wet, wipe it off immediately. Liquids might contain minerals that can corrode the electronic circuits.

Use and store the Modem Mate only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.

Handle the Modem Mate gently and carefully. Dropping it can damage circuit boards and can cause the Modem Mate to work improperly.

Use only fresh batteries of the recommended size and type. Always remove old or weak batteries, which can leak chemicals that destroy electronic circuits.

Keep the Modem Mate away from dust and dirt, which can cause premature wear of parts.

Wipe the Modem Mate with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents.

Modifying or tampering with the Modem Mate's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to use it. If the Modem Mate is not performing as it should, take it to your local RadioShack store for assistance. If the trouble is harming the telephone lines, the telephone company might ask you to disconnect your Modem Mate until you have resolved the problem.

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THE FCC WANTS YOU TO KNOW

In the unlikely event that your Modem Mate causes problems on the phone line, the phone company can discontinue your service. The phone company attempts to notify you in advance. If advance notice is not practical, the phone company notifies you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of your Modem Mate. The phone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your phone service.

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LIGHTNING

Your Modem Mate has built-in protection circuits to reduce the risk of damage from surges in phone and power line current. These protection circuits meet or exceed FCC requirements. However, lightning striking the phone line or power lines can damage your Modem Mate.

Lightning damage is not common. Nevertheless, if you live in an area that has frequent electrical storms, we suggest that you unplug your Modem Mate during storms to reduce the possibility of damage.

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RadioShack Limited Warranty

This telephone product is warranted against manufacturing defects in material and workmanship for one (1) year from the date of purchase from RadioShack company owned stores and authorized RadioShack franchisees and dealers. Within this period **bring your RadioShack sales slip** as proof-of-purchase date to any RadioShack store.

This warranty does not cover damage or failure caused by or attributable to Acts of God, abuse, misuse, improper or abnormal usage, faulty installation, improper maintenance, lightning or other incidence of excess voltage, or any repairs other than those provided by a RadioShack Authorized Service Facility, or transportation costs. **RadioShack is not responsible or liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the product or other damages with respect to loss of property, loss of revenue or profit, or costs of removal, installation or reinstallation.**

EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. Some states do not allow the limitation or exclusion of incidental or consequential damages and some states do not allow limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser. There will be charges rendered for repairs to the product made after the expiration of the aforesaid one (1) year warranty period.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

We Service What We Sell *10/95*

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